

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/478,188
		Filing Date	January 5, 2000
		First Named Inventor	B n Shen
		Group Art Unit	1652
		Examiner Name	Kathleen Kerr
		Attorney Docket Number	407T-896010US

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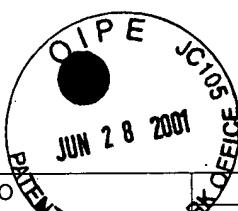
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
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FOREIGN PATENT DOCUMENTS							
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KK	1	Ando et al. (1998) "A New Non-Protein Enediyne Antibiotic N1999 A2: Unique Enediyne Chromophore Similar to Neocarzinostatin and DNA Cleavage" Tetra. Letts., 39: 6495-6498				
KL	2	August et al. (1998) "Biosynthesis of the ansamycin antibiotic rifamycin: deductions from the molecular analysis of the rif biosynthetic gene cluster of <i>Amycolatopsis mediterranei</i> S699" Chem. Biol. 5: 69-79				
KK	3	Bierman et al. (1992) "Plasmid cloning vectors for the conjugal transfer of DNA from <i>Escherichia coli</i> to <i>Streptomyces</i> spp" Gene 116: 43-49				
KK	4	Cane et al. (1998) "Harnessing the Biosynthetic Code: Combinations, Permutation, and Mutations" Science 282: 63-68				
KK	5	Decker et al. (1996) "A general approach for cloning and characterizing dNDP-glucose dehydratase genes from actinomycetes" FEMS Lett. 141: 195-201				
KK	6	Edo et al. (1985) "The Structure of Neocarzinostatin Chromophore Possessing a Novel Bicyclo[7,3,0]dodecadiyne system" Tetrahedron Lett. 26: 331-334				
KK	7	Hensens et al. (1989) "Biosynthesis of NCS Chrom A, the Chromophore of the Antitumor Antibiotic Neocarzinostatin" J. Am. Chem. Soc. 111: 3295-3299				
KK	8	Hopwood (1997) "Genetic Contributions to Understanding Polyketide Synthases" Chem. Rev. 97: 2465-2497				
KK	9	Hu et al. (1994) "Repeated polyketide synthase modules involved in the biosynthesis of a heptaine macrolide by <i>Streptomyces</i> sp. FR-008" Mol. Microbiol. 14: 163-172				
KK	10	Hu et al. (1988) "A New Macromolecular Antitumor Antibiotic, C-1027" J. Antibiot. 41:1575-1579				
KK	11	Hutchinson and Fuji. (1995) "Polyketide Synthase Gene Manipulation: A Structure-Function Approach in Engineering Novel Antibodies" Ann. Rev. Microbiol. 49: 201-38				

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KL	12	Iida et al. (1993) "Synthesis and Absolute Stereochemistry of the Aminosugar Moiety of Antibiotic C-1027 Chromophore" Tetrahedron Lett. 34: 4079-4082
KL	13	Ikemoto et al. (1995) "Calicheamicin-DNA complexes: Warhead alignment and saccharide recognition of the minor groove" Proc. Natl. Acad. Sci. USA 92:10506-10510
KL	14	Katz and Donadio (1993) "Polyketide Synthesis: Prospects for Hybrid Antibodies" Ann. Rev. Microbiol. 47: 875-912
KL	15	Lam et al. (1993) "Biosynthesis of Esperamicin A ₁ , an Enediyne Antitumor Antibiotic" J. Am. Chem. Soc. 115: 12340-12345
KL	16	Lee et al. (1998) "Identification of Non-Heme Diiron Proteins That Catalyze Triple Bond and Epoxy Group Formation" Science 280: 915-918
KK	17	Mao, et al. (1997) "Isolation and Identification of Berberine from Cell Cultures of <i>Coptis chinensis</i> " Chinese J. Biotechnol. 13: 195-199
KK	18	Minami et al. (1993) "Structure of an Aromatization Product of C-1027 Chromophore" Tetrahedron Lett. 34: 2633-2636
KK	19	Myers et al. (1997) "A comparison of DNA Cleavage by Neocarzinostatin Chromophore and Its Aglycon: Evaluating the Role of the Carbohydrate Residue" J. Am. Chem. Soc. 119: 2965-2972
KK	20	Okuno et al. (1994) "Computer Modeling Analysis for Enediyne Chromophore-Apoprotein Complex of Macromolecular Antitumor Antibiotic C-1027" J. Med. Chem. 37: 2266-2273
KK	21	Otani et al. (1991) "Purification and Primary Structure of C-1027-AG, a Selective Antagonist of Antitumor Antibiotic C-1027, from <i>Streptomyces globisporus</i> " Agri. Biol. Chem. 55: 407-417
KK	22	Rao et al. (1987) "Cosmid-Shuttle-Vectors-for-Cloning-and-Analysis-of-Streptomyces-DNA" Methods Enzymol. 153: 166-198
LIL	23	Sakata et al. (1992) "Cloning and Nucleotide Sequencing of the Antitumor Antibiotic C-1027 Apoprotein Gene" Biosci. Biotech. Biochem. 56: 1592-1595
KL	24	Shen et al. (1999) "Bleomycin Biosynthesis in <i>Streptomyces verticillus</i> ATCC15003: A Model of Hybrid Peptide and Polyketide Biosynthesis" Bioorg. Chem. 27: 155-171
KK	25	Sievers et al. (1999) "Selective Ablation of Acute Myeloid Leukemia Using Antibody-Targeted Chemotherapy: A Phase I Study of an Anti-CD33 Calicheamicin Immunoconjugate" Blood 93: 3678-3684
KK	26	Sommer et al. (1997) "Genetic and Biochemical Characterization of a New Extracellular Lipase from <i>Streptomyces cinnamomeus</i> " Appl. Environ. Microbiol. 63: 3553-3560
KK	27	Spaink et al. (1991) "A novel highly unsaturated fatty acid moiety of lipo-oligosaccharide signals determines host specificity of <i>Rizobium</i> " Nature 354: 125-130
KK	28	Stassinopoulos et al. (1996) "Solution Structure of a Two-Base DNA Bulge Complexed with an Enediyne Cleaving Analog" Science 272: 1943-1946
KK	29	Takiff et al. (1996) "Efflux pump of the proton antiporter family confers low-level fluoroquinolone resistance in <i>Mycobacterium smegmatis</i> " Proc. Natl. Acad. Sci. USA 93: 362-366
LIL	30	Thorson et al. (1999) "Enediyne Biosynthesis and Self-Resistance: A Progress Report" Bioorg. Chem., 27: 172-188
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KL	32	Xu et al. (1997) "Enediyne C1027 Induces the Formation of Novel Covalent DNA Interstrand Cross-Links and Monoadducts" J. Am. Chem. Soc. 119: 1133-1134

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KL	33	Yoshida et al. (1993) "Structure and Cycloaromatization of a Novel Enediyne, C-1027 Chromophore" Tetrahedron Lett. 34: 2637-2640	
KL	34	Zhen et al. (1989) "A New Macromolecular Antitumor Antibiotic, C-1027" J. Antibiot. 42: 1294-1298	

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